Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
Acetone	ACT	III	All Tank Groups
iso-& cyclo-Alkanes (C10-C11)	AKI	D	All Tank Groups
iso-& cyclo-Alkanes (C12+)	AKJ	III	All Tank Groups
n-Alkanes (C10+)	ALJ	III	All Tank Groups
Alkyl(C9+) benzenes	AKB	III	All Tank Groups
2-Amino-2-hydroxymethyl-1,3-propane diol solution (40% or less)	AHL	III	All Tank Groups
Ammonium hydrogen phosphate solution	130	D	All Tank Groups
Ammonium lignosulfonate solution, see also Lignin liquor	232	III	All Tank Groups
Ammonium nitrate solution (45% or less)	AND	D	All Tank Groups
Ammonium nitrate, Urea solution (2% or less NH3), see also Urea, Ammonium nitrate solution (2% or less NH3)	ANU	D	All Tank Groups
Ammonium phosphate, Urea solution, see also Urea, Ammonium phosphate solution	023	D	All Tank Groups
Ammonium polyphosphate solution	131	D	All Tank Groups
Ammonium sulfate solution (20% or less)	AME	D	All Tank Groups
Ammonium thiocyanate (25% or less), Ammonium thiosulfate (20% or less) solution	ACS	С	All Tank Groups
Amyl acetate (all isomers)	AEC	С	All Tank Groups
Amyl alcohol (iso-, n-, sec-, primary)	AAI	D	All Tank Groups
Amyl alcohol (tert-)	036	III	All Tank Groups
Apple juice	132	III	All Tank Groups
Asphalt	ASP	1	All Tank Groups
Asphalt blending stocks: Roofers flux	ARF	1	All Tank Groups
Asphalt blending stocks: Straight run residue	ASR	1	All Tank Groups
Benzyl alcohol	BAL	С	All Tank Groups
Bromochloromethane	BCM	D	All Tank Groups
Butene oligomer	BOL	В	All Tank Groups
Butyl acetate (all isomers)	BAX	С	All Tank Groups
Butyl alcohol (iso-)	IAL	III	All Tank Groups
Butyl alcohol (n-)	BAN	III	All Tank Groups
Butyl alcohol (sec-)	BAS	III	All Tank Groups
Butylbenzene (all isomers), see Alkyl(C3-C4)benzenes (all isomers)	BBE	Α	All Tank Groups
Butylene glycol	BUG	D	All Tank Groups
Butyl heptyl ketone	BHK	[C]	All Tank Groups

Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
gamma-Butyrolactone	BLA	D	All Tank Groups
Calcium bromide solution	133	III	All Tank Groups
Calcium carbonate slurry	134	III	All Tank Groups
Calcium chloride solution	ccs	III	All Tank Groups
Calcium hydroxide slurry	COH	D	All Tank Groups
Calcium hypochlorite solution (more than 15%)	CHZ	В	All Tank Groups
Calcium hypochlorite solution (15% or less)	CHU	С	All Tank Groups
Calcium lignosulfonate solution, see also Lignin liquor	151	III	All Tank Groups
Calcium nitrate, Magnesium nitrate, Potassium chloride solution	135	III	All Tank Groups
Caprolactam solutions	CLS	D	All Tank Groups
Caramel solutions	233	III	All Tank Groups
Carbon tetrachloride	CBT	В	D
Cashew nut shell oil (untreated)	OCN	D	All Tank Groups
Caustic potash solution	CPS	С	CD
Caustic soda solution	CSS	D	CD
Chlorinated paraffins (C14-C17) (with 52% Chlorine)	136	III	All Tank Groups
Chloroform	CRF	В	CD
4-Chloro-2-methylphenoxyacetic acid, dimethylamine salt solution	CDM	С	All Tank Groups
Choline chloride solution	CCO	D	All Tank Groups
Clay slurry	138	III	All Tank Groups
Coal slurry	139	III	All Tank Groups
Coal tar naphtha solvent	NCT	В	All Tank Groups
Cycloheptane	CYE	С	All Tank Groups
Cyclohexane	CHX	С	All Tank Groups
Cyclohexanol	CHN	D	All Tank Groups
Cyclopentane	CYP	С	All Tank Groups
Cyclopentene	CPE	В	All Tank Groups
p-Cymene	CMP	С	All Tank Groups
Decahydronaphthalene	DHN	D	All Tank Groups
Decene	DCE	В	All Tank Groups
n-Decylbenzene, see Alkyl(C9+)benzenes	DBZ	III	All Tank Groups
Diacetone alcohol	DAA	D	All Tank Groups
Dialkyl(C10-C14) benzenes, see Alkyl(C9+) Benzenes	DAB	D	All Tank Groups
Dichloromethane	DCM	D	BCD

Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	DDE	А	BCD
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution	DAD	Α	BCD
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	DTI	Α	BCD
Diethylbenzene	DEB	Α	All Tank Groups
Diethylene glycol	DEG	D	All Tank Groups
Diethylene glycol diethyl ether	052	III	All Tank Groups
Diethylene glycol phenyl ether	DGP	#	All Tank Groups
Diethylenetriamine pentaacetic acid, pentasodium salt solution	DYS	III	All Tank Groups
1,4-Dihydro-9,10-dihydroxy anthracene, disodium salt solution	DDH	D	All Tank Groups
Diisobutylene	DBL	В	All Tank Groups
Diisobutyl ketone	DIK	D	All Tank Groups
Diisopropyl naphthalene	DII	D	All Tank Groups
Dimethyl naphthalene sulfonic acid, sodium salt solution	DNS	[A]	All Tank Groups
Dipentene	DPN	С	All Tank Groups
Dipropylene glycol	DPG	III	All Tank Groups
Distillates: Flashed feed stocks	DFF	I	All Tank Groups
Distillates: Straight run	DSR	I	All Tank Groups
Dodecane (all isomers), see Alkyl(C9+)benzenes	DOC	III	All Tank Groups
Dodecene (all isomers)	DOZ	В	All Tank Groups
Dodecenylsuccinic acid, dipotassium salt solution	141	D	All Tank Groups
Dodecylbenzene, see Alkyl(C9+)benzenes	DDB	III	All Tank Groups
Drilling brine (containing Calcium, Potassium, or Sodium salts)	DRL	III	All Tank Groups
Drilling brine (containing Zinc salts)	DZB	В	All Tank Groups
Drilling mud (low toxicity) (if flammable or combustible)	DRM	[III]	All Tank Groups
Drilling mud (low toxicity) (if non-flammable and non-combustible)	143	[III]	All Tank Groups
Ethoxy triglycol (crude)	ETG	D	All Tank Groups
Ethyl acetate	ETA	D	All Tank Groups
Ethyl alcohol	EAL	III	All Tank Groups
Ethylbenzene	ETB	В	All Tank Groups
Ethyl cyclohexane	ECY	С	All Tank Groups
Ethylene carbonate	003	III	All Tank Groups
Ethylenediaminetetraacetic acid, tetrasodium salt solution	EDS	D	All Tank Groups
Ethylene glycol	EGL	D	All Tank Groups
Ethylene glycol acetate	EGO	D	All Tank Groups

Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
Ethylene glycol diacetate	EGY	С	BCD
Ethylene glycol monoalkyl ethers	EGC	D	All Tank Groups
Ethylene-Propylene copolymer (in liquid mixtures)	058	[111]	All Tank Groups
Ethylene-Vinyl acetate copolymer (emulsion)	144	III	All Tank Groups
2-Ethylhexanol	EHX	@C	All Tank Groups
Ethylidene norbornene	ENB	В	All Tank Groups
Ethyl toluene	ETE	В	All Tank Groups
Ferric hydroxyethylethylene diamine triacetic acid, trisodium salt solution	FHX	D	All Tank Groups
Fish solubles (water based fish meal extracts)	FSO	III	All Tank Groups
Gas oil: Cracked	GOC	1	All Tank Groups
Gasoline blending stocks: Alkylates	GAK	1	All Tank Groups
Gasoline blending stocks: Reformates	GRF	1	All Tank Groups
Gasolines: Automotive (containing not over 4.23 grams lead per gallon)	GAT	I	All Tank Groups
Gasolines: Aviation (containing not over 4.86 grams of lead per gallon)	GAV	1	All Tank Groups
Gasolines: Casinghead (natural)	GCS	1	All Tank Groups
Gasolines: Polymer	GPL	1	All Tank Groups
Gasolines: Straight run	GSR	1	All Tank Groups
Glucose Solution	GLU	III	All Tank Groups
Glutaraldehyde solution (50% or less)	GTA	D	BCD
Glycerine	GCR	III	All Tank Groups
Glyceryl triacetate	004	III	All Tank Groups
Glycine, sodium salt solution	147	III	All Tank Groups
Heptane (all isomers), see Alkanes (C6-C9) (all isomers)	HMX	С	All Tank Groups
Heptanol (all isomers)	HTX	С	All Tank Groups
Heptene (all isomers)	HPX	С	All Tank Groups
Hexamethylenediamine adipate solution (50% or less)	HAM	D	All Tank Groups
Hexane (all isomers), see Alkanes (C6-C9)	HXS	С	All Tank Groups
Hexene (all isomers)	HEX	С	All Tank Groups
N-(Hydroxyethyl)ethylenediamine triacetic acid, trisodium salt solution	HET	D	All Tank Groups
Isophorone	IPH	D	All Tank Groups
Jet fuel: JP-4	JPF	1	All Tank Groups

Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
Jet fuel: JP-5 (kerosene, heavy)	JPV	I	All Tank Groups
Jet fuel: JP-8	JPE	@I	All Tank Groups
Kaolin clay solution	148	III	All Tank Groups
Kaolin slurry	149	III	All Tank Groups
Kerosene	KRS	1	All Tank Groups
Lard	LRD	Ш	All Tank Groups
Latex, liquid synthetic: Carboxylated styrene-butadiene copolymer	069	Ш	All Tank Groups
Latex, liquid synthetic: Styrene-butadiene rubber	068	Ш	All Tank Groups
Magnesium chloride solution	154	III	All Tank Groups
Magnesium hydroxide slurry	155	III	All Tank Groups
Maleic anhydride	MLA	D	CD
Metam sodium solution	MSS	Α	All Tank Groups
Methyl acetate	MTT	III	All Tank Groups
Methyl acetoacetate	MAE	D	All Tank Groups
Methyl alcohol	MAL	D	All Tank Groups
Methylamyl acetate	MAC	С	All Tank Groups
Methyl butyl ketone	MBK	D	All Tank Groups
Methylcyclohexane	MCY	С	All Tank Groups
Methyl ethyl ketone	MEK	III	All Tank Groups
2-Methyl-2-hydroxy-3-butyne	MHB	III	All Tank Groups
Methyl isobutyl ketone	MIK	D	All Tank Groups
alpha-Methylstyrene	MSR	Α	All Tank Groups
Milk	156	III	All Tank Groups
Mineral spirits	MNS	I	All Tank Groups
Molasses	157	III	All Tank Groups
Molasses residue (from fermentation)	158	[111]	All Tank Groups
Myrcene	MRE	D	All Tank Groups
Naphtha: Aromatic (having less than 10% Benzene)	075	@I	All Tank Groups
Naphtha: Heavy	077	@I	All Tank Groups
Naphthalene sulfonic acid, sodium salt solution (40% or less)	NSA	[A]	All Tank Groups
Naphtha: Paraffinic	078	@I	All Tank Groups
Naphtha: Petroleum	PTN	1	All Tank Groups
Naphtha: Solvent	NSV	@I	All Tank Groups
Naphtha: Stoddard solvent	NSS	@I	All Tank Groups

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29-Oct-01

Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
Naphtha: Varnish makers and painters (75%)	NVM	@I	All Tank Groups
Nonane (all isomers), see Alkanes (C6-C9)	NAX	С	All Tank Groups
Nonene (all isomers)	NON	В	All Tank Groups
Noxious liquid, n.o.s. (17) ("trade name," contains "principal components"), Category D (if non-flammable and non-combustible)	159	D	All Tank Groups
Non-noxious liquid, n.o.s. (18)("trade name," contains "principal components"), Appendix III(if non-flammable and non-combustible)	160	III	All Tank Groups
Octane (all isomers), see Alkanes (C6-C9)	OAX	С	All Tank Groups
Octene (all isomers)	OTX	В	All Tank Groups
Oil, edible: Beechnut	OBN	D	All Tank Groups
Oil, edible: Castor	OCA	D	All Tank Groups
Oil, edible: Cocoa butter	OCB	D	All Tank Groups
Oil, edible: Coconut	OCC	D	All Tank Groups
Oil, edible: Cod liver	OCL	D	All Tank Groups
Oil, edible: Corn	ОСО	D	All Tank Groups
Oil, edible: Cottonseed	ocs	D	All Tank Groups
Oil, edible: Fish, n.o.s.	OFS	D	All Tank Groups
Oil, edible: Groundnut	OGN	D	All Tank Groups
Oil, edible: Hazelnut	OHN	D	All Tank Groups
Oil, edible: Lard	OLD	@111	All Tank Groups
Oil, edible: Nutmeg butter	ONB	D	All Tank Groups
Oil, edible: Olive	OOL	D	All Tank Groups
Oil, edible: Palm	OPM	D	All Tank Groups
Oil, edible: Palm kernel	OPO	D	All Tank Groups
Oil, edible: Peanut	OPN	D	All Tank Groups
Oil, edible: Poppy	OPY	D	All Tank Groups
Oil, edible: Raisin seed	ORA	D	All Tank Groups
Oil, edible: Rapeseed	ORP	D	All Tank Groups
Oil, edible: Rice bran	ORB	D	All Tank Groups
Oil, edible: Safflower	OSF	D	All Tank Groups
Oil, edible: Salad	OSL	D	All Tank Groups
Oil, edible: Sesame	oss	D	All Tank Groups
Oil, edible: Soya bean	OSB	D	All Tank Groups
Oil, edible: Sunflower seed	OSN	D	All Tank Groups

Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
Oil, edible: Tucum	ОТС	D	All Tank Groups
Oil, edible: Vegetable, n.o.s.	OVG	D	All Tank Groups
Oil, edible: Walnut	OWN	D	All Tank Groups
Oil, fuel: No. 1 (kerosene)	OON	1	All Tank Groups
Oil, fuel: No. 1-D	OOD	1	All Tank Groups
Oil, fuel: No. 2	OTW	1	All Tank Groups
Oil, fuel: No. 2-D	OTD	1	All Tank Groups
Oil, fuel: No. 4	OFR	1	All Tank Groups
Oil, fuel: No. 5	OFV	1	All Tank Groups
Oil, fuel: No. 6	OSX	1	All Tank Groups
Oil, misc: Aliphatic	OML	@I	All Tank Groups
Oil, misc: Animal, n.o.s.	OMA	D	All Tank Groups
Oil, misc: Aromatic	OMR	1	All Tank Groups
Oil, misc: Clarified	OCF	1	All Tank Groups
Oil, misc: Diesel	ODS	1	All Tank Groups
Oil, misc: Gas, high pour	017	@I	All Tank Groups
Oil, misc: Gas, low pour	012	@I	All Tank Groups
Oil, misc: Gas, low sulfur	013	@I	All Tank Groups
Oil, misc: Heartcut distillate	090	1	All Tank Groups
Oil, misc: Lanolin	OLL	D	All Tank Groups
Oil, misc: Linseed	OLS	D	All Tank Groups
Oil, misc: Lubricating	OLB	1	All Tank Groups
Oil, misc: Mineral	OMN	1	All Tank Groups
Oil, misc: Mineral seal	OMS	@I	All Tank Groups
Oil, misc: Motor	OMT	1	All Tank Groups
Oil, misc: Neatsfoot	ONF	D	All Tank Groups
Oil, misc: Oiticica	001	D	All Tank Groups
Oil, misc: Penetrating	OPT	1	All Tank Groups
Oil, misc: Perilla	OPR	D	All Tank Groups
Oil, misc: Pilchard	OPL	D	All Tank Groups
Oil, misc: Residual	014	1	All Tank Groups
Oil, misc: Road	ORD	1	All Tank Groups
Oil, misc: Seal	015	1	All Tank Groups
Oil, misc: Sperm	OSP	D	All Tank Groups

Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
Oil, misc: Spindle	OSD	1	All Tank Groups
Oil, misc: Transformer	OTF	I	All Tank Groups
Oil, misc: Tung	OTG	D	All Tank Groups
Oil, misc: Turbine	ОТВ	1	All Tank Groups
Oil, misc: Whale	OWH	D	All Tank Groups
Olefin mixtures (C5-C7)	OFX	С	All Tank Groups
Olefin mixtures (C5-C15)	OFY	В	All Tank Groups
Olefins (C13+, all isomers)	094	III	All Tank Groups
Perchloroethylene	PER	В	D
Petrolatum	PTL	III	All Tank Groups
1-Phenyl-1-xylyl ethane	PXE	С	All Tank Groups
Phosphate esters, alkyl(C12-C14)amine	PEA	В	All Tank Groups
alpha-Pinene	PIO	Α	All Tank Groups
beta-Pinene	PIP	В	All Tank Groups
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether acetate	PAF	D	All Tank Groups
Polyaluminum chloride solution	162	III	All Tank Groups
Polybutene	PLB	III	All Tank Groups
Poly(4+)isobutylene	105	III	All Tank Groups
Poly(5+)propylene	PLP	III	All Tank Groups
Polypropylene glycol	PGC	D	All Tank Groups
Potassium thiosulfate solution (50% or less)	PTF	С	All Tank Groups
iso-Propyl acetate	IAC	III	All Tank Groups
n-Propyl acetate	PAT	D	All Tank Groups
iso-Propyl alcohol	IPA	III	All Tank Groups
n-Propyl alcohol	PAL	III	All Tank Groups
Propylbenzene (all isomers)	PBY	Α	All Tank Groups
Propylene-butylene copolymer	PBP	III	All Tank Groups
Propylene dimer	PDR	С	All Tank Groups
Propylene glycol	PPG	III	All Tank Groups
Propylene tetramer	PTT	В	All Tank Groups
Propylene trimer	PTR	В	All Tank Groups
Silica slurry	164	[111]	All Tank Groups
Sodium acetate, Glycol, Water mixture (containing 1% or less, Sodium hydroxide) (if non-flammable or non-combustible)	234	III	All Tank Groups

Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
Sodium aluminate solution	SAU	D	D
Sodium aluminosilicate slurry	165	Ш	All Tank Groups
Sodium carbonate solution	SCE	D	All Tank Groups
Sodium chlorate solution (50% or less)	SDD	III	CD
Sodium hydrogen sulfide (6% or less), Sodium carbonate (3% or less) solution	SSS	В	All Tank Groups
Sodium hydrogen sulfite solution (45% or less)	SHX	D	All Tank Groups
Sodium hypochlorite solution (15% or less)	SHP	С	BCD
Sodium lignosulfonate solution or Lignin liquor	SLG	III	All Tank Groups
Sodium poly(4+)acrylate solution	167	III	All Tank Groups
Sodium sulfate solution	168	III	All Tank Groups
Sodium thiocyanate solution (56% or less)	STS	В	CD
Sorbitol solution	SBT	III	All Tank Groups
Styrene monomer	STY	В	All Tank Groups
Sulfohydrocarbon (C3-C88)	SFO	D	All Tank Groups
Sulfonated polyacrylate solution	SPA	III	All Tank Groups
Tallow	TLO	D	All Tank Groups
1,1,2,2-Tetrachloroethane	TEC	В	D
Tetradecylbenzene, see Alkyl(C9+)benzenes	TDB	III	All Tank Groups
Tetraethylene glycol	TTG	Ш	All Tank Groups
Tetrahydronaphthalene	THN	С	All Tank Groups
Tetramethylbenzene (all isomers)	TTC	Α	All Tank Groups
Tetrasodium salt of Ethylenediaminetetraacetic acid solution, see Ethylenediaminetetraacetic acid, tetrasodium salt solution	026		All Tank Groups
Titanium dioxide slurry	TDS	III	All Tank Groups
Toluene	TOL	С	All Tank Groups
1,1,1-Trichloroethane	TCE	С	CD
1,1,2-Trichloroethane	TCM	С	CD
Trichloroethylene	TCL	С	CD
1,1,2-Trichloro-1,2,2-trifluoroethane	TTF	С	All Tank Groups
Tridecylbenzene, see Alkyl(C9+)benzenes	TRB	III	All Tank Groups
Triethylene glycol	TEG	III	All Tank Groups
Trimethylbenzene (all isomers)	TRE	Α	All Tank Groups
Undecylbenzene, see Alkyl(C9+)benzenes	UDB	III	All Tank Groups

Chemical Name	Chem Code	IMO Pol Cat	Tank Groups Authorized for Carriage
Urea, Ammonium mono- and di-hydrogen phosphate, Potassium chloride solution	UPX	D	All Tank Groups
Urea, Ammonium nitrate solution (2% or less NH3), see also Ammonium nitrate, Urea solution (2% or less NH3)	UAT	D	All Tank Groups
Urea, Ammonium phosphate solution, see also Ammonium phosphate, Urea solution	UAP	D	All Tank Groups
Urea solution	170	Ш	All Tank Groups
Vegetable protein solution (hydrolyzed)	171	Ш	All Tank Groups
Vinyl acetate	VAM	С	All Tank Groups
Vinyltoluene	VNT	Α	All Tank Groups
Water	173	Ш	All Tank Groups
Wax: Candelilla	WFCD	@D	All Tank Groups
Wax: Carnauba	WCA	@D	All Tank Groups
Wax: Paraffin	WPF	Ш	All Tank Groups
Xylenes, Ethylbenzene (10% or more) Mixture	XEB	В	All Tank Groups
Xylenes (ortho-, meta-, para-)	XLX	С	All Tank Groups

#### **Explanation of Symbols:**

- I Considered an "oil" under Annex I of MARPOL 73/78
- III Appendix III of Annex II (non-NLS cargoes) of MARPOL 73/78
- [ ] Brackets indicate that the product is provisionally categorized and that further data are necessary to complete the evaluation of its pollution hazards. Until the hazard evaluation is complete, the pollution category assigned is used.
- The NLS category has been assigned by the U.S. Coast Guard, in absence of one assigned by IMO, based upon a GESAMP (IMO's Joint Group of Experts on the Scientific Aspects of Marine Pollution) Hazard Profile or analogy to a closely related product having one assigned. These cargoes may not be carried in other countries signatory to MARPOL 73/78. For further information, contact Commandant (G-MSO-3) at (202) 267-1217.